



KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Kentucky Agricultural Statistics Service
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AGRICULTURAL NEWS: The first week of April had a mix of cold and warm weather combined with lots of rain and a few areas of severe thunderstorms. Average temperatures across the State were 3 degrees above normal at 54 degrees. Precipitation for the period totaled 2.15 inches statewide, which was 1.14 inches above normal. **Topsoil moisture** as of Friday, April 1 was rated 40 percent adequate and 60 percent surplus. **Subsoil moisture** was rated 2 percent short, 61 percent adequate, and 37 percent surplus. Days suitable for fieldwork averaged 1.9 out of a possible 7 days. Main farming activities during the week included seeding tobacco, applying fertilizer, and preparing equipment for planting. Corn planting began in a few areas. Approximately 33 percent of plowing and field preparation for planting was reported as complete. Nitrogen fertilizer supplies were reported to meet 96 percent of anticipated needs.

TOBACCO: Traditional plant beds and greenhouse tobacco seeding is behind schedule due to the wet weather. Plant bed and greenhouse seeding was only 50 percent complete by Sunday, April 3. This was down almost 25 percent from last year's advanced stage at this time.

SMALL GRAINS & LEGUMES: Despite a relatively wet winter, Kentucky's winter wheat crop is in mostly good to excellent condition. Producers reported 6 percent of the wheat lost due to winter kill. As of Sunday, April 3 winter wheat condition was 4 percent poor, 17 percent fair, 65 percent good, and 14 percent excellent. Barley acreage lost to winter kill was reported as 8 percent. Barley was rated 1 percent fair, 97 percent good, and 2 percent excellent. Losses to alfalfa and red clover stands were 7 percent and 5 percent respectively.

PASTURE & LIVESTOCK: Pasture condition was rated 4 percent very poor, 18 percent poor, 37 percent fair, 34 percent good, and 7 percent excellent. Only 21 percent of the current roughage requirements were being met from pastures. Some 82 percent of the state's farms with livestock were still providing winter feed. Producers report that 35 percent of the winter hay supply was still on hand. Livestock were reported in mostly good condition with few losses due to weather.

MARCH 1, 2005 PROSPECTIVE PLANTINGS-PLANTED ACRES, KENTUCKY & UNITED STATES

CROPS	KENTUCKY			UNITED STATES		
	2004	Ind. 2005	05 % of 04	2004	Ind. 2005	05 % of 04
	(Thousand Acres)		Percent	(Thousand Acres)		Percent
Corn	1,210	1,290	107	80,930	81,413	101
Soybeans	1,310	1,350	103	75,208	73,910	98
All Sorghum	15	22	147	7,486	7,400	99
All Hay <u>1/</u>	2,340	2,300	98	61,916	62,940	102
All Tobacco <u>1/</u>	114.8	82.2	72	409.1	319.9	78
Burley Tobacco <u>1/</u>	106.0	73.0	69	154.7	108.3	70
All Wheat <u>2/</u>	530	420	79	59,674	58,592	98
Barley <u>2/</u>	9	10	111	4,527	3,974	88

1/ Harvested acreage. 2/ Includes acreage planted preceding fall.

KENTUCKY CROP PROGRESS

WEEK ENDING APRIL 3, 2005
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Tobacco Beds Seeded	50	73	NA	NA	NA

(NA)Data Not Available.

SOIL MOISTURE

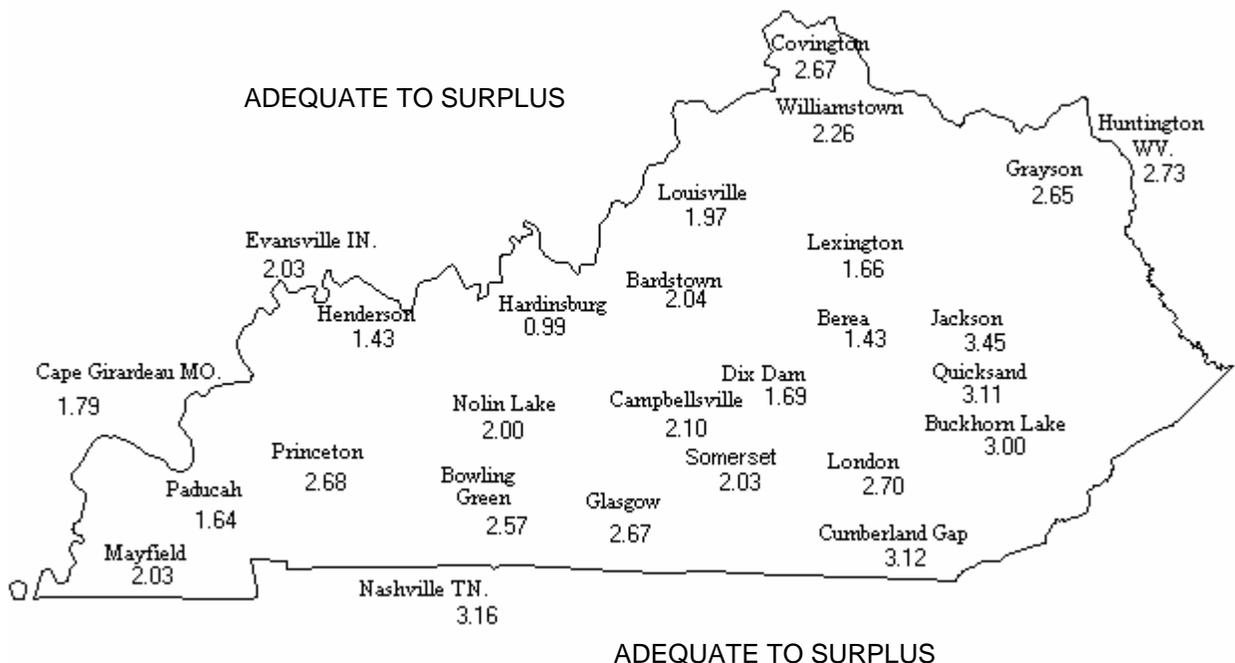
WEEK ENDING APRIL 1, 2005
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	0	NA
Short	0	NA
Adequate	40	NA
Surplus	60	NA
SUBSOIL		
Very Short	0	NA
Short	2	NA
Adequate	61	NA
Surplus	37	NA

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING APRIL 1, 2005					WEEK ENDING MARCH 25, 2005				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Wheat	0	4	17	65	14	No Survey Conducted				
Barley	0	0	1	97	2					
Pasture	4	18	37	34	7					

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 3, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, APRIL 1, 2005



KENTUCKY WEATHER SUMMARY, MARCH 28 - APRIL 3, 2005:

Above Normal Temperatures and Above Normal Precipitation

April showers...the week began with some rain, but it was short lived as high pressure moved in on Tuesday. Skies were clear, so there was abundant sunshine on Tuesday and Wednesday allowing temperatures to warm into the 70's and 80's. Wednesday night into Thursday morning, a cold front passed through the State. Hail reports were issued as some of the thunderstorms turned severe. The inclement weather was short lived as skies were mostly sunny again later on Thursday. A more significant low pressure system arrived in the Commonwealth Friday and Saturday bringing locally heavy rains and isolated thunderstorms. Clear skies returned by Sunday capping off a perfect end to the week. Average precipitation was above normal for the first time in seven weeks. Average temperatures were above normal for the first time in five weeks. Temperatures for the period averaged 54 degrees across the State which was 3 degrees above normal. High temperatures averaged from 66 in the West to 63 in the East. Departure from normal high temperatures ranged from 0 degrees from normal in the West to 3 degrees above normal in the East. Low temperatures averaged from 44 degrees in the West to 44 degrees in the East. Departure from normal low temperature ranged from 3 degrees above normal in the West to 5 degrees above normal in the East. The extreme high temperature was 82 degrees in Jackson. The extreme low temperature was 32 degrees in Covington.

Rainfall for the period totaled 2.15 inches statewide which was 1.14 inches above normal. Precipitation totals by climate division, West 1.93 inches, Central 2.04 inches, Bluegrass 1.80 inches and East 2.85 inches, which was 0.83, 1.01, 0.83 and 1.90 inches respectively from normal. By station, precipitation totals ranged from a low of 0.99 inches at Hardinsburg to a high of 3.45 inches at Jackson.

Tom Priddy

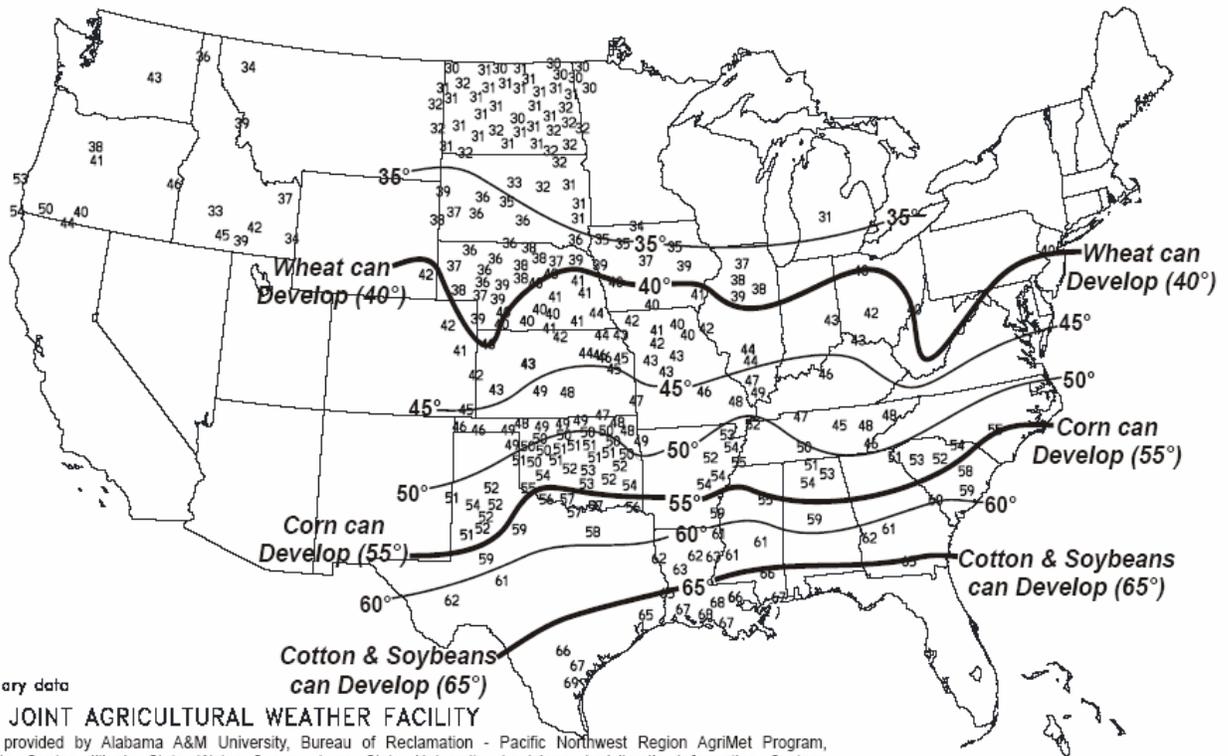
KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, APRIL 3, 7:00 P.M.

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. High	Grass Low	Air High	Air Low	Wkly. Avg	Deviation From Normal
	(Inches)			(Degrees Fahrenheit)					
Bardstown	2.04	11.69	+0.83	54	47	77	34	53.0	+2
Berea	1.43	11.54	+1.06	56	45	80	37	55.9	+7
Bowling Green	2.57	12.52	-0.96	--	--	77	34	53.1	+2
Bristol	1.97	9.35	-1.35	--	--	77	38	51.9	+3
Buckhorn Lake	3.00	11.63	-0.22	--	--	78	36	53.6	+4
Cape Girardeau	1.79	10.24	-1.45	--	--	73	31	55.2	+2
Campbellsville	2.10	12.76	-0.24	54	47	79	36	53.8	+3
Covington	2.67	12.69	+2.80	--	--	77	32	51.4	+2
Cumberland Gap	3.12	12.14	-1.65	57	48	78	33	53.4	+4
Dix Dam	1.69	11.00	-0.14	--	--	78	36	53.7	+4
Evansville	2.03	10.51	-0.38	--	--	75	34	53.2	-0
Glasgow	2.67	13.27	-0.29	55	46	79	33	55.6	+5
Grayson	2.65	11.96	+2.44	57	48	81	38	53.9	+5
Hardinsburg	0.99	10.31	-2.09	56	46	76	38	53.2	+2
Henderson	1.43	10.00	-1.31	60	42	75	38	55.0	+2
Huntington	2.73	12.01	+2.54	--	--	82	38	54.4	+5
Jackson	3.45	13.72	+2.08	--	--	82	37	54.4	+5
Lexington	1.66	10.63	-0.23	--	--	78	33	52.1	+3
London	2.70	11.04	-0.85	--	--	79	37	52.9	+3
Louisville	1.97	11.80	+0.56	--	--	76	35	52.6	+2
Mayfield	2.03	11.13	-3.16	57	48	78	36	53.6	+0
Nashville	3.16	13.50	+0.80	--	--	77	34	54.8	+4
Nolin Lake	2.00	12.02	-0.45	--	--	77	34	53.1	+2
Paducah	1.64	11.30	-1.29	58	47	74	35	55.3	+2
Princeton	2.68	12.21	-1.44	67	49	75	36	56.4	+3
Quicksand	3.11	11.98	+0.34	57	48	78	31	52.2	+3
Somerset	2.03	13.20	+0.68	54	48	80	37	52.1	+3
Spindletop	1.06	9.38	-1.48	57	44	78	36	51.5	+2
Williamstown	2.26	11.90	+1.47	57	48	77	32	51.6	+2

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

Average Soil Temperature (°F, 4" Bare)

MAR 20 - 26, 2005



Based on preliminary data

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

Supplemental data provided by Alabama A&M University, Bureau of Reclamation - Pacific Northwest Region AgriMet Program, High Plains Climate Center, Illinois State Water Survey, Iowa State University, Louisiana Agrilimatic Information System, Mississippi State University, Oklahoma Mesonet, Purdue University, University of Missouri, and USDA/NRCS Soil Climate Analysis Network

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